

**SELECTED ACQUISITION REPORT (SAR) SUMMARY TABLES**

As of Date: September 30, 1996

**INDEX**

<b><u>SUBJECT</u></b>	<b><u>PAGE</u></b>
SAR Narrative Highlights	1
Program Acquisition Cost	4
Distribution of Cost Changes - Base-Year Dollars	6
Distribution of Cost Changes - Then-Year Dollars	8
Program Funding Status	10

**DISTRIBUTION STATEMENT A**

Approved for public release;  
Distribution Unlimited

DEMO QUALITY INSPECTED 4

UNCLASSIFIED

Department of Defense  
Acquisition Program Integration,  
OUSD(A&T) November 14, 1996

19961223 037

## SELECTED ACQUISITION REPORTS (SARs) - HIGHLIGHTS

(As of September 30, 1996)

The Department of Defense has released details on major defense acquisition program cost and schedule changes since the June 1996 reporting period. This information is based on the Selected Acquisition Reports (SARs) submitted to the Congress for the September 30, 1996 reporting period.

SARs summarize the latest estimates of cost, schedule, and technical status. These reports are prepared annually in conjunction with the President's budget. Subsequent quarterly exception reports are required only for those programs experiencing unit cost increases of at least 15 percent or schedule delays of at least six months. Quarterly SARs are also submitted for initial reports, final reports, and for programs that are rebaselined at major milestone decisions.

The total program cost estimates provided in the SARs include research and development, procurement, military construction, and acquisition-related operation & maintenance. Total program costs reflect actual costs to date as well as anticipated costs for future efforts. All estimates include allowances for anticipated inflation.

The current estimate of program acquisition costs for programs covered by SARs for the prior reporting period (June 1996) was \$701,771.1 million. There was a net decrease of \$623.9 million during the current reporting period (September 1996). The cost changes between June and September 1996 are summarized below:

	Current Estimate (\$ in Millions)
<b>June 1996 (70 programs*)</b>	<b>\$ 701,771.1</b>
Plus one new program (MINUTEMAN III PRP)	+2,819.3
<b>June 1996 Adjusted (71 programs*)</b>	<b>\$ 704,590.4</b>
<b>Changes Since Last Report:</b>	
Economic	\$ +2.3
Quantity	+25.9
Schedule	-14.3
Engineering	+32.3
Estimating	+470.0
Other	0.0
Support	<u>+107.7</u>
Net Cost Change	\$ +623.9
<b>September 1996 (71 programs*)</b>	<b>\$ 705,214.3</b>

\*Excludes classified costs for the Air Force's MILSTAR program.

As of the September 1996 reporting period, there were eight quarterly SARs submitted on programs that have reported previously:

**Army:**

ASAS (All Source Analysis System) -- The SAR was submitted to report schedule delays of more than six months due to emerging requirements. As a result, several program changes have occurred. The full impact of the program restructure, including revised costs, will be reported in the December 1996 SAR.

BLACKHAWK (UH-60L) -- The SAR was submitted to rebaseline the report to the UH-60L production decision. Program costs increased \$52.8 million (+1.1%) from \$4,778.6 million to \$4,831.4 million, due primarily to the addition of six aircraft, the conversion of four UH-60L aircraft to the UH-60Q Medvac configuration and the procurement of mission flexibility kits.

Longbow Apache -- The SAR was submitted to correct the previous estimate for the Initial Operational Capability (IOC) schedule milestone, which had been reported as December 1997. The correct current estimate for IOC is October 1998. Costs increased \$65.8 million (+0.8%) from \$8,275.2 million to \$8,341.0 million, due primarily to the net of revised program estimates and a multiyear contract award.

PLS (Palletized Load System) -- This is the final SAR because the program is below the statutory dollar thresholds for a major program, and was removed from the Major Defense Acquisition Program list. Program costs decreased \$1.3 million (-0.1%) from \$1,237.2 million to \$1,235.9 million, due primarily to a reduction in flatrack prices.

**Navy:**

V-22 -- The SAR was submitted to report a schedule slip of 10 months to the CV-22 Critical Design Review (from February 1998 to December 1998), and a 6-month slip to CV-22 initial operational test and evaluation (from March 2002 to September 2002). The CV-22 Preliminary Design Review also slipped 3 months from May 1997 to August 1997. There are no known cost impacts to the V-22 program as a result of these schedule delays.

**Air Force:**

JSTARS (Joint Surveillance Target Attack System) -- The SAR was submitted to report a 19% increase in the average procurement unit cost. The increase was due to greater than anticipated refurbishment and modification costs for used aircraft. Additionally, there are six-month schedule delays to the following milestones: Required Assets Availability (RAA) slipped from May 1996 to November 1996 due to a revised delivery date for the second production aircraft; Organic Support Capability slipped from March 1997 to September 1997 due to potential delays in the delivery of spares; and Initial Operating Capability slipped from March 1997 to September 1997 due a revised delivery date for the third production aircraft. Costs increased \$350.3 million (+3.7%) from \$9,351.6M to \$9,701.9M, due primarily to revised estimates of flyaway, spares, and support costs.

SFW (Sensor Fuzed Weapon) -- The SAR was submitted to rebaseline the report to the full rate production decision (Milestone III) in June 1996. Program costs increased \$157.7 million (+8.1%) from \$1,947.6 million to \$2,105.3 million, due primarily to the addition of a Pre-Planned Product Improvement (P3I) program.

**DoD:**

CHEM DEMIL (Chemical Demilitarization) -- The SAR was submitted to report at least a one-year delay in the Lexington Blue Grass Chemical Disposal Facility, due to Commonwealth of Kentucky permitting requirements. There is also a seven-month slip (from October 1996 to May 1997) in the Non-Stockpile Chemical Materiel Project, due to permitting delays with the State of Utah. Program costs decreased \$1.4 million (-0.01%) from \$13,601.1 million to \$13,599.7 million, due primarily to adjustments to match prior year actuals.

**New SAR  
(As of September 30, 1996)**

The Department of Defense has submitted an initial SAR for the Joint Air-to-Surface Standoff Missile (JASSM) in accordance with Section 2432, Title 10, United States Code. This report does not represent cost growth. The baseline established for this program will be the point from which future changes will be measured. The current estimate of cost and quantity is provided below:

<u>Program</u>	<u>Quantity</u>	<u>Total Estimated Cost (\$ in Millions)</u>
JASSM	44	\$ 784.2*

*\* Pre-Milestone II program reporting development (RDT&E) costs only, in accordance with the provisions of Section 2432, Title 10, United States Code.*

**Program Acquisition Cost Summary In**  
**As Of Date: September 30,**

Weapon System	Base Year	Type of Baseline	Baseline Estimate			Changes To Da	
			Cost		Quantity	Cost	
			Base Year \$	Then Year \$		Base Year \$	Then Year \$
<b>ARMY:</b>							
ABRAMS UPGRADE	95	PdE	6,991.9	7,961.9	1,060	-723.8	-1,267.7
AFATDS	96	DE/PdE	1,003.4	1,052.1	3,321	117.1	109.5
ASAS	86	DE	539.1	809.8	28	5.6	1.9
ATACMS/APAM	91	PdE	1,506.6	1,508.2	1,557	813.2	950.1
ATACMS/BAT	91	DE	3,867.7	5,287.7	32,799	97.7	-294.8
ATIRCM/CMWS	96	DE	2,628.4	3,361.6	3,094	10.4	16.6
BLACKHAWK (UH-60L)	71	PdE	2,216.6	10,715.2	1,277	-1,071.2	-5,883.8
BRADLEY FVS UPGRADE	94	DE	3,097.3	4,038.8	1,602	358.1	87.1
COMANCHE (RAH-66)	84	PE	1,756.2	2,133.0	-	3,588.0	5,843.6
CRUSADER (AFAS/FARV)	95	PE	2,357.0	2,780.0	-	-14.9	-138.9
CSSCS	91	DE	246.1	290.7	1,115	-22.3	-21.9
FAAD C2I	96	DE	1,494.3	1,476.9	15	55.3	26.2
FMTV	96	PdE	11,594.2	18,921.3	85,488	70.6	-2,545.3
JAVELIN	90	DE	3,398.8	3,936.5	70,631	-285.3	-110.3
JSTARS GSM	89	DE	1,133.0	1,291.6	112	48.0	95.5
Longbow Apache	96	PdE	7,389.7	8,729.2	985	58.3	-388.2
Longbow Hellfire	96	DE/PdE	1,881.0	2,190.3	10,896	511.7	416.6
MCS	80	DE	760.7	1,272.1	6,365	-131.8	-250.9
PLS	93	PdE	1,565.7	1,695.3	3,386	-388.1	-459.4
SADARM	89	DE	485.7	535.1	10,288	1,373.2	2,168.5
SINCGARS	84	PdE	4,167.7	5,611.7	292,853	-1,342.8	-1,805.5
SMART-T	92	DE	804.4	1,027.2	364	16.3	-48.7
Subtotal			60,885.5	86,626.2		3,143.3	-3,499.8
<b>NAVY:</b>							
AAAV	93	PE	725.0	934.1	-	52.7	-
AIM-9X	92	PE	569.0	695.0	62	15.9	-12.7
AN/SQQ-89	85	PdE	3,899.0	4,147.6	120	-343.3	-151.5
AOE 6	86	PdE	2,332.5	2,834.8	7	-286.2	-418.2
AV-8B REMANUFACTURE	94	PdE	1,843.0	2,158.4	73	198.0	159.9
CEC	95	DE	2,221.9	2,573.1	183	58.8	14.7
CVN-74/75	88	PdE	5,911.0	6,966.0	2	598.9	49.0
CVN-76	88	PdE	3,910.8	4,297.2	1	286.1	134.6
CVN-77	88	PdE	4,557.1	5,540.8	1	725.2	1,000.7
DDG 51	87	PdE	16,953.7	20,117.5	23	24,994.5	36,977.7
E-2C REPRODUCTION	94	PdE	2,824.2	3,447.9	113	28.4	-116.8
F/A-18 E/F	90	DE	53,959.6	94,583.0	1,000	728.0	-13,624.3
JSOW	90	DE	5,246.7	9,276.4	16,600	1,834.1	1,288.5
LHD 1	82	DE	2,931.8	4,451.0	3	3,110.4	3,456.9
LPD 17 (LX)	96	PE	61.1	59.1	-	12.8	13.8
MHC 51	92	PdE	1,457.4	1,548.3	12	172.1	165.4
MIDS-LVT	92	DE	924.9	1,119.5	672	15.3	10.4
NESP	90	PdE	1,876.6	2,373.7	393	-44.9	-223.5
NSSN	95	DE	45,633.1	71,080.8	30	1,922.5	-6,189.4
SH-60R (LAMPS BLKII)	93	DE	4,020.5	5,636.4	188	69.2	-391.1
SSN 21 / AN/BSY-2	90	PdE	20,119.9	21,739.1	12	-7,918.7	-8,614.8
STD MSL 2 (BLKS I-IV)	84	PdE	8,770.1	11,067.2	13,778	-898.7	-1,443.0
STRATEGIC SEALIFT	92	DE	5,693.8	6,588.4	20	-782.9	-777.5
T-45TS	95	PdE	5,528.1	5,599.5	176	-95.1	-182.5
TOMAHAWK	77	DE	2,639.4	5,037.2	2,344	3,595.0	8,809.9
TRIDENT II MSL	83	PdE	26,556.3	35,518.5	845	-5,719.3	-7,816.0
UHF FOLLOW-ON	88	PdE	1,479.1	1,716.1	10	79.6	152.4
V-22	86	DE	23,073.0	29,662.3	913	3,823.0	16,937.4
Subtotal			255,718.6	360,768.9		26,231.4	29,210.0
<b>USAF:</b>							
AMRAAM	92	PdE	12,278.2	13,112.4	15,450	-1,372.4	-1,749.9
AWACS RSIP (E-3)	89	DE	571.8	689.9	34	152.2	213.5
B-1 CMUP-JDAM	95	DE	938.5	1,087.8	95	35.1	1.3
C-17A	96	PdE	41,250.9	41,811.9	210	-857.5	-61.3
CMU	89	DE	1,509.3	1,581.0	1	155.7	180.4
DMSP	75	PdE	718.7	1,879.0	9	156.5	464.4

**Cost Summary In Millions Of Dollars**  
**te: September 30, 1996**

Changes To Date			Current Estimate			Percent Cost Change	
Cost		Quantity	Cost		Quantity	To Date Adj For Qty	
Base Year \$	Then Year \$		Base Year \$	Then Year \$		Base Year \$	Then Year \$
-723.8	-1,267.7	-	6,268.1	6,694.2	1,060	-10.4	-15.9
117.1	109.5	2,008	1,120.5	1,161.6	5,329	-1.9	-3.4
5.6	1.9	-	544.7	811.7	28	1.0	0.2
813.2	950.1	908	2,319.8	2,458.3	2,465	24.0	23.8
97.7	-294.8	-11,091	3,965.4	4,992.9	21,708	14.9	8.8
10.4	16.6	-	2,638.8	3,378.2	3,094	0.4	0.5
-1,071.2	-5,883.8	-629	1,145.4	4,831.4	648	-32.0	-39.2
358.1	87.1	-	3,455.4	4,125.9	1,602	11.6	2.1
3,588.0	5,843.6	6	5,344.2	7,976.6	6	204.3	274.0
-14.9	-138.9	-	2,342.1	2,641.1	-	-0.6	-5.0
-22.3	-21.9	104	223.8	268.8	1,219	-11.8	-10.7
55.3	26.2	4	1,549.6	1,503.1	19	3.7	1.8
70.6	-2,545.3	-	11,664.8	16,376.0	85,488	0.6	-13.5
-285.3	-110.3	-39,314	3,113.5	3,826.2	31,317	30.8	58.6
48.0	95.5	49	1,181.0	1,387.1	161	-8.6	-6.8
58.3	-388.2	-	7,448.0	8,341.0	985	0.8	-4.4
511.7	416.6	2,364	2,392.7	2,606.9	13,260	8.5	0.3
-131.8	-250.9	-3,209	628.9	1,021.2	3,156	-3.6	-2.9
-388.1	-459.4	-522	1,177.6	1,235.9	2,864	-2.3	-5.0
1,373.2	2,168.5	63,490	1,858.9	2,703.6	73,778	59.0	73.9
-1,342.8	-1,805.5	-36,981	2,824.9	3,806.2	255,872	-24.2	-18.6
16.3	-48.7	23	820.7	978.5	387	-1.9	-8.6
3,143.3	-3,499.8		64,028.8	83,126.4		7.2	0.9
52.7	-	-	777.7	934.1	-	7.3	-
15.9	-12.7	-	584.9	682.3	62	2.8	-1.8
-343.3	-151.5	-29	3,555.7	3,996.1	91	10.2	19.3
-286.2	-418.2	-3	2,046.3	2,416.6	4	39.5	49.9
198.0	159.9	-1	2,041.0	2,318.3	72	11.7	8.5
58.8	14.7	-	2,280.7	2,587.8	183	2.6	0.6
598.9	49.0	-	6,509.9	7,015.0	2	10.1	0.7
286.1	134.6	-	4,196.9	4,431.8	1	7.3	3.1
725.2	1,000.7	-	5,282.3	6,541.5	1	15.9	18.1
24,994.5	36,977.7	34	41,948.2	57,095.2	57	9.5	10.2
28.4	-116.8	-	2,852.6	3,331.1	113	1.0	-3.4
728.0	-13,624.3	-	54,687.6	80,958.7	1,000	1.3	-14.4
1,834.1	1,288.5	7,200	7,080.8	10,564.9	23,800	14.0	-2.6
3,110.4	3,456.9	4	6,042.2	7,907.9	7	-4.5	-20.9
12.8	13.8	-	73.9	72.9	-	20.9	23.4
172.1	165.4	-	1,629.5	1,713.7	12	11.8	10.7
15.3	10.4	41	940.2	1,129.9	713	-0.3	-1.1
-44.9	-223.5	-15	1,831.7	2,150.2	378	-1.2	-8.0
1,922.5	-6,189.4	-	47,555.6	64,891.4	30	4.2	-8.7
69.2	-391.1	-	4,089.7	5,245.3	188	1.7	-6.9
-7,918.7	-8,614.8	-9	12,201.2	13,124.3	3	61.1	112.5
-898.7	-1,443.0	-2,113	7,871.4	9,624.2	11,665	7.4	15.6
-782.9	-777.5	-1	4,910.9	5,810.9	19	-10.0	-6.8
-95.1	-182.5	-	5,433.0	5,417.0	176	-1.7	-3.3
3,595.0	8,809.9	3,212	6,234.4	13,847.1	5,556	15.1	5.7
-5,719.3	-7,816.0	-383	20,837.0	27,702.5	462	-0.9	7.8
79.6	152.4	-1	1,558.7	1,868.5	9	12.3	16.6
3,823.0	16,937.4	-390	26,896.0	46,599.7	523	11.7	4.2
26,231.4	29,210.0		281,950.0	389,978.9		6.9	-0.5
-1,372.4	-1,749.9	-4,431	10,905.8	11,362.5	11,019	5.4	11.3
152.2	213.5	-1	724.0	903.4	33	28.0	32.9
35.1	1.3	-	973.6	1,089.1	95	3.7	0.1
-857.5	-61.3	-90	40,393.4	41,750.6	120	25.0	37.2
155.7	180.4	-	1,665.0	1,761.4	1	10.3	11.4
156.5	464.4	1	875.2	2,343.4	10	12.2	13.3

**Program Acquisition Cost Summary In**  
**As Of Date: September 30**

Weapon System	Base Year	Type of Baseline	Baseline Estimate			Changes To	
			Cost		Quantity	Cost	
			Base Year \$	Then Year \$		Base Year \$	Then Year \$
DSP	78	DE	4,424.6	5,547.6	19	1,530.7	3,499.7
F-22	90	DE	60,270.0	99,109.0	648	-8,949.4	-29,015.9
JDAM	95	PE/DE	2,731.3	3,556.4	378	-632.5	-1,085.8
JPATS	91	PE/DE	2,546.6	3,964.6	2	85.4	-300.8
JSIPS	86	DE	586.3	762.6	27	-86.8	-116.4
JSTARS	83	DE	4,728.8	6,741.9	21	1,615.4	2,960.0
MILSTAR	90	DE	-	-	-	-	-
MINUTEMAN III GRP	93	DE	1,463.6	1,636.2	652	69.4	130.1
MINUTEMAN III PRP	94	DE	2,251.4	2,819.3	607	-	-
NAS	90	DE	573.3	791.1	53	27.5	1.1
NAVSTAR Satellite	79	DE	1,599.4	2,306.7	40	2,866.1	7,942.8
NAVSTAR User Eqmt	79	DE	2,554.9	4,875.8	27,339	581.8	1,714.8
SBIRS	95	PE	2,308.0	2,670.3	-	10.9	-93.5
SFW	79	DE	1,219.8	2,405.8	14,075	-319.4	-300.5
TITAN IV	85	DE	2,150.5	2,529.2	10	14,705.9	21,033.0
Subtotal			146,675.9	199,878.5		9,774.6	5,417.0
<b>DOD:</b>							
CHEM DEMIL	94	DE	11,474.5	13,110.6	18	685.4	489.7
PATRIOT PAC-3	88	DE	4,798.8	6,381.6	54	655.8	871.8
THAAD	88	PE	3,165.2	4,323.7	-	1,293.5	1,636.7
Subtotal			19,438.5	23,815.9		2,634.7	2,997.6
Grand Total			482,718.5	671,089.5		41,784.0	34,124.8

**Cost Summary In Millions Of Dollars**  
**as of September 30, 1996**

Changes To Date			Current Estimate			Percent Cost Change	
Cost		Quantity	Cost		Quantity	To Date Adj For Qty	
Base Year \$	Then Year \$		Base Year \$	Then Year \$		Base Year \$	Then Year \$
1,530.7	3,499.7	4	5,955.3	9,047.3	23	16.7	30.9
-8,949.4	-29,015.9	-206	51,320.6	70,093.1	442	1.7	-9.6
-632.5	-1,085.8	87,748	2,098.8	2,470.6	88,126	-23.6	-30.9
85.4	-300.8	710	2,632.0	3,663.8	712	3.4	-7.6
-86.8	-116.4	6	499.5	646.2	33	-7.1	-6.4
1,615.4	2,960.0	-2	6,344.2	9,701.9	19	41.2	52.3
-	-	-	-	-	-	-	-
69.4	130.1	-	1,533.0	1,766.3	652	4.7	8.0
-	-	-	2,251.4	2,819.3	607	-	-
27.5	1.1	-	600.8	792.2	53	4.8	0.1
2,866.1	7,942.8	78	4,465.5	10,249.5	118	37.2	36.6
581.8	1,714.8	207,359	3,136.7	6,590.6	234,698	30.9	39.8
10.9	-93.5	-	2,318.9	2,576.8	-	0.5	-3.5
-319.4	-300.5	-8,991	900.4	2,105.3	5,084	16.5	113.4
14,705.9	21,033.0	36	16,856.4	23,562.2	46	171.4	250.2
9,774.6	5,417.0		156,450.5	205,295.5		18.9	18.7
685.4	489.1	-	12,159.9	13,599.7	18	6.0	3.7
655.8	871.8	-	5,454.6	7,253.4	54	13.7	13.7
1,293.5	1,636.7	-	4,458.7	5,960.4	-	40.9	37.9
2,634.7	2,997.6		22,073.2	26,813.5		13.6	12.6
11,784.0	34,124.8		524,502.5	705,214.3		10.5	5.1



## Distribution of Cost Changes (Base-Year)

As Of Date: September 30, 1

Weapon System	Base Year	Cost Changes Between the Baseline and Current							
		Quantity		Schedule		Engineering		Estimating	
		This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date
<b>ARMY:</b>									
ABRAMS UPGRADE	95	-	-	-	-	-	-	-	-423
AFATDS	96	-	-	-	-	-	-	-	-
ASAS	86	-	-	-	-	-	2.2	-	10
ATACMS/APAM	91	-	-	-	-	-	-	-	-
ATACMS/BAT	91	-	-	-	-	-	-	-	-
ATIRCM/CMWS	96	-	-	-	-	-	-	-	8
BLACKHAWK (UH-60L)	71	4.4	-531.6	-	-	-	2.4	7.5	-503
BRADLEY FVS UPGRADE	94	-	-	-	-	-	77.5	-	222
COMANCHE (RAH-66)	84	-	-	-	-	-	-	-	-
CRUSADER (AFAS/FARV)	95	-	-	-	-	-	-	-	-
CSSCS	91	-	-	-	-	-	-	-	-
FAAD C2I	96	-	-	-	-33.2	-	-	-	95
FMTV	96	-	-	-	0.2	-	-	-	165
JAVELIN	90	-	-	-	-	-	-	-	-
JSTARS GSM	89	-	158.5	-	2.7	-	51.9	-	-213
Longbow Apache	96	-	-	-	-	-	-	128.4	109
Longbow Hellfire	96	-	323.5	-	-	-	-143.8	-	344
MCS	80	-	-108.0	-	-3.6	-	8.2	-	-2
PLS	93	3.9	-360.4	-	-	-	-82.9	-4.3	69
SADARM	89	-	683.7	-	222.9	-	47.8	-	403
SINCGARS	84	-	-443.1	-	41.5	-	35.0	-	-707
SMART-T	92	-	32.4	-	-	-	15.1	-	-62
Subtotal		8.3	-245.0	-	230.5	-	13.4	131.6	-483
<b>NAVY:</b>									
AAAV	93	-	-	-	-	-	-	-	-
AIM-9X	92	-	-	-	-	-	-	-	19
AN/SQQ-89	85	-	-673.1	-	280.9	-	312.0	-	-74
AOE 6	86	-	-	-	-	-	-	-	-
AV-8B REMANUFACTURE	94	-	-	-	-	-	-	-	-
CEC	95	-	-	-	-	-	-	-	-
CVN-74/75	88	-	-	-	-124.1	-	-	-	723
CVN-76	95	-	-	-	-	-	-	-	-
CVN-77	95	-	-	-	-	-	-	-	-
DDG 51	87	-	21363.6	-	-	-	1293.2	-	2337
E-2C REPRODUCTION	94	-	-	-	-	-	-	-	-
F/A-18 E/F	90	-	-	-	-123.7	-	262.4	-	611
JSOW	90	-	964.1	-	-	-	-	-	958
LHD 1	82	-	3395.2	-	84.1	-	9.0	-	-386
LPD 17 (LX)	96	-	-	-	1.7	-	3.5	-	-
MHC 51	92	-	-	-	-	-	-	-	172
MIDS-LVT	92	-	18.1	-	-	-	49.5	-	-79
NESP	90	-	-23.2	-	17.2	-	32.3	-	-4
NSSN	95	-	-	-	88.6	-	-	-	1823
SH-60R (LAMPS BLKII)	93	-	-	-	-	-	32.1	-	-23
SSN 21 / AN/BSY-2	90	-	-12545.0	-	4369.6	-	127.8	-	767
STD MSL 2 (BLKS I-IV)	84	-	-1442.1	-	395.6	-	219.0	-	-55
STRATEGIC SEALIFT	92	-	-238.6	-	-	-	-	-	-544
T-45TS	95	-	-	-	-4.8	-	16.1	-	-39
TOMAHAWK	77	-	2775.4	-	-133.7	-	1021.3	-	-866
TRIDENT II MSL	83	-	-5526.1	-	-	-	-	-	-317
UHF FOLLOW-ON	88	-	-90.7	-	2.5	-	112.1	-	55
V-22	86	-	1003.9	-	3.5	-	-	-	3006
Subtotal		-	8981.5	-	4857.4	-	3490.3	-	8106
<b>USAF:</b>									
AMRAAM	92	-	-1926.9	-	773.1	-	428.9	-	-647
AWACS RSIP (E-3)	89	-	-	-	-	-	-	-	-
B-1 CMUP-JDAM	95	-	-	-	-	-	21.6	-	-
C-17A	96	-	-	-	-	-	-	-	-
CMU	89	-	-	-	-	-	-	-	-
DMSP	75	-	-	-	-	-	-	-	-

September 30, 1996

### Baseline and Current Estimate (Base-Year Dollars)

[illegible]

## Distribution of Cost Changes (Base-Year)

As Of Date: September 30,

Weapon System	Base Year	Cost Changes Between the Baseline and Current							
		Quantity		Schedule		Engineering		Estimation	
		This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date
<b>USAF:</b>									
DSP	78	-	678.4	-	-	-	-	-	58
F-22	90	-	-9799.4	-	979.4	-	215.0	-	40
JDAM	95	-	16.0	-	-6.9	-	-	-	-6
JPATS	91	-	-	-	0.9	-	-	-	1
JSIPS	86	-	-48.6	-	-1.0	-	-3.5	-	-1
JSTARS	83	-	-234.2	-	376.1	-	-162.1	116.4	130
MILSTAR	90	-	-	-	-	-	-	-	-
MINUTEMAN III GRP	93	-	-	-	-	-	-	-	-
MINUTEMAN III PRP	94	-	-	-	-	-	-	-	-
NAS	90	-	-	-	12.4	-	-	-	-
NAVSTAR Satellite	79	-	1654.8	-	-0.3	-	399.6	-	7
NAVSTAR User Eqmt	79	-	-157.8	-	84.0	-	-21.3	-	5
SBIRS	95	-	-	-	-	-	-	-	-
SFW	79	-	-	-	-	-	-	-	-
TITAN IV	85	-	4061.2	-	1930.8	-	-1657.1	-	80
Subtotal		-	-5756.5	-	4148.5	-	-778.9	116.4	103
<b>DOD:</b>									
CHEM DEMIL	94	-	-	-	274.7	-	211.2	-1.3	1
PATRIOT PAC-3	88	-	-	-	-156.7	-	190.4	-	5
THAAD	88	-	-	-	547.2	-	398.5	-	3
Subtotal		-	-	-	665.2	-	800.1	-1.3	10
Grand Total		8.3	2980.0	-	9901.6	-	3524.9	246.7	190

anges (Base-Year Dollars)

September 30, 1996

Baseline and Current Estimate (Base-Year Dollars)

Category	Estimating		Other		Support		Total	
	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date
	-	533.1	-	-	-	319.2	-	1530.7
5.0	-	403.9	-	-	-	-748.3	-	-8949.4
	-	-632.1	-	-	-	-9.5	-	-632.5
	-	131.2	-	-	-	-46.7	-	85.4
3.5	-	-26.0	-	-	-	-7.7	-	-86.8
2.1	116.4	1304.0	-	-	108.6	331.6	225.0	1615.4
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	6.2	-	-	-	8.9	-	27.5
9.6	-	727.1	-	-	-	84.9	-	2866.1
1.3	-	528.4	-	-	-	148.5	-	581.8
	-	10.9	-	-	-	-	-	10.9
	-	-	-	-	-	-	-	-
7.1	-	8006.6	-	-	-	2364.4	-	14705.9
8.9	116.4	10351.3	-	-	108.6	2453.3	225.0	10417.7
1.2	-1.3	199.5	-	-	-	-	-1.3	685.4
0.4	-	537.9	-	-	-	84.2	-	655.8
8.5	-	351.7	-	-	-	-3.9	-	1293.5
0.1	-1.3	1089.1	-	-	-	80.3	-1.3	2634.7
4.9	246.7	19057.9	-	-	60.6	1606.2	315.6	37070.6

**Distribution of Cost Changes (Then-Yea  
As Of Date: September 30, 1**

Weapon System	Cost Changes Between the Baseline and C								
	Economic		Quantity		Schedule		Engineering		E
	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	
<b>ARMY:</b>									
ABRAMS UPGRADE	-	-194.6	-	-	-	-177.9	-	-	
AFATDS	-	-34.3	-	150.9	-	29.5	-	-	
ASAS	-	-39.3	-	-	-	-	-	3.0	
ATACMS/APAM	-	-86.6	-	476.9	-	63.2	-	69.8	
ATACMS/BAT	-	-394.5	-	-699.4	-	169.2	-	340.5	
ATIRCM/CMWS	-	-	-	-	-	-	-	-	
BLACKHAWK (UH-60L)	-	-440.7	21.6	-2768.7	-1.4	224.2	-	-34.6	3
BRADLEY FVS UPGRADE	-	-279.8	-	1.7	-	-73.5	-	108.6	
COMANCHE (RAH-66)	-	-53.9	-	-	-	265.4	-	1154.8	
CRUSADER (AFAS/FARV)	-	-123.1	-	-	-	-	-	-	
CSSCS	-	-8.0	-	10.4	-	18.2	-	-	
FAAD C2I	-	-24.7	-	-	-	-41.6	-	-	
FMTV	-	-2199.2	-	-	-	-415.0	-	-	
JAVELIN	-	-160.7	-	-1523.9	-	795.4	-	28.8	
JSTARS GSM	-	27.5	-	196.9	-	-19.1	-	60.7	
Longbow Apache	-	-	-	-	1.1	1.1	-	-	13
Longbow Hellfire	-	-101.6	-	408.2	-	-124.3	-	-182.0	
MCS	-	-24.8	-	-219.9	-	17.9	-	14.3	
PLS	2.1	-31.2	4.3	-395.0	3.4	2.2	-	-97.2	-1
SADARM	-	-173.3	-	1019.3	-	611.4	-	62.8	
SINCGARS	-	-67.3	-	-933.9	-	744.6	-	46.4	
SMART-T	-	-81.4	-	43.9	-	17.6	-	17.9	
Subtotal	2.1	-4491.5	25.9	-4232.6	3.1	2108.5	-	1593.8	15
<b>NAVY:</b>									
AAAV	-	-60.8	-	-	-	-	-	-	
AIM-9X	-	-29.1	-	-	-	-	-	-	
AN/SQQ-89	-	41.2	-	-798.1	-	644.3	-	404.1	
AOE 6	-	70.7	-	-1222.3	-	70.5	-	-	
AV-8B REMANUFACTURE	-	-92.7	-	-20.9	-	47.1	-	69.3	
CEC	-	-44.1	-	-	-	-	-	54.0	
CVN-74/75	-	-99.1	-	-	-	-644.4	-	-	
CVN-76	-	-161.3	-	-	-	-	-	-	
CVN-77	-	-113.2	-	-	-	235.3	-	-	
DDG 51	-	-2785.3	-	31714.7	-	1160.7	-	1965.7	
E-2C REPRODUCTION	-	-195.4	-	-	-	124.2	-	-	
F/A-18 E/F	-	-13850.7	-	-	-	-1256.8	-	432.4	
JSOW	-	-1046.2	-	1565.2	-	-393.8	-	-	
LHD 1	-	-1283.7	-	5552.1	-	-328.2	-	14.3	
LPD 17 (LX)	-	0.1	-	-	-	2.4	-	3.5	
MHC 51	-	0.6	-	-	-	-	-	-	
MIDS-LVT	-	-45.4	-	22.7	-	-	-	63.2	
NESP	-	-148.2	-	-37.2	-	27.6	-	46.5	
NSSN	-	-7172.6	-	-	-	96.4	-	-	
SH-60R (LAMPS BLKII)	-	-469.0	-	-	-	-	-	50.9	
SSN 21 / AN/BSY-2	-	386.7	-	-15562.8	-	6354.0	-	144.8	
STD MSL 2 (BLKS I-IV)	-	-858.5	-	-2744.7	-	1700.8	-	330.2	
STRATEGIC SEALIFT	-	285.0	-	-351.5	-	96.4	-	-	
T-45TS	-	-101.2	-	-	-	-4.8	-	13.2	
TOMAHAWK	-	-1926.7	-	8062.8	-	229.5	-	2337.4	
TRIDENT II MSL	-	-137.6	-	-9824.2	-	1594.5	-	-	
UHF FOLLOW-ON	-	21.7	-	-113.2	-	-	-	149.7	
V-22	-	-6088.2	-	15066.2	-	-34.6	-	-	
Subtotal	-	-35903.0	-	31308.8	-	9721.1	-	6079.2	
<b>USAF:</b>									
AMRAAM	-	-426.4	-	-2907.3	-	1774.8	-	548.4	
AWACS RSIP (E-3)	-	-41.7	-	-10.1	-	136.6	-	-76.7	
B-1 CMUP-JDAM	-	-43.5	-	-	-	-0.3	-	23.5	
C-17A	-	-115.5	-	-11383.3	-	2949.9	-	104.0	
CMU	-	-20.6	-	-	-	-	-	3.6	
DMSP	-	-175.1	-	190.2	-	1.9	-	-84.0	

ges (Then-Year Dollars)  
September 30, 1996

he Baseline and Current Estimate (Then-Year Dollars)

Engineering		Estimating		Other		Support		Total	
Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date
-	-	-	-508.7	-	-	-	-386.5	-	-1267.7
-	-	-	-40.1	-	-	-	3.5	-	109.5
3.0	-	-	51.2	-	-	-	-13.0	-	1.9
69.8	-	-	413.6	-	-	-	13.2	-	950.1
340.5	-	-	294.2	-	-	-	-4.8	-	-294.8
-	-	-	14.2	-	-	-	2.4	-	16.6
-34.6	33.3	-2681.0	-	1.4	-0.7	-184.4	52.8	-5883.8	-
108.6	-	246.1	-	-	-	84.0	-	87.1	-
1154.8	-	4477.3	-	-	-	-	-	5843.6	-
-	-	-15.8	-	-	-	-	-	-138.9	-
-	-	-37.0	-	-	-	-5.5	-	-21.9	-
-	-	98.2	-	-	-	-5.7	-	26.2	-
-	-	221.5	-	-	-	-152.6	-	-2545.3	-
28.8	-	641.3	-	-	-	108.8	-	-110.3	-
60.7	-	-264.4	-	-	-	93.9	-	95.5	-
-	135.2	-318.8	-	-	-70.5	-70.5	65.8	-388.2	-
-182.0	-	432.8	-	-	-	-16.5	-	416.6	-
14.3	-	15.9	-	-	-	-54.3	-	-250.9	-
-97.2	-10.1	82.4	-	-	-1.0	-20.6	-1.3	-459.4	-
62.8	-	623.3	-	-	-	25.0	-	2168.5	-
46.4	-	-1262.8	-	-	-	-332.5	-	-1805.5	-
17.9	-	-94.3	-	-	-	47.6	-	-48.7	-
1593.8	158.4	2389.1	-	1.4	-72.2	-868.5	117.3	-3499.8	-
-	-	60.8	-	-	-	-	-	-	-
-	-	16.4	-	-	-	-	-	-12.7	-
404.1	-	-230.7	-	-	-	-212.3	-	-151.5	-
-	-	662.9	-	-	-	-	-	-418.2	-
69.3	-	-25.3	-	-	-	182.4	-	159.9	-
54.0	-	159.0	-	-	-	-154.2	-	14.7	-
-	-	792.5	-	-	-	-	-	49.0	-
-	-	295.9	-	-	-	-	-	134.6	-
-	-	878.6	-	-	-	-	-	1000.7	-
1965.7	-	4922.1	-	-	-	-0.2	-	36977.7	-
-	-	-114.4	-	-	-	68.8	-	-116.8	-
432.4	-	898.4	-	-	-	152.4	-	-13624.3	-
-	-	1343.7	-	-	-	-180.4	-	1288.5	-
14.3	-	-497.6	-	-	-	-	-	3456.9	-
3.5	-	7.8	-	-	-	-	-	13.8	-
-	-	165.1	-	-	-	-0.3	-	165.4	-
63.2	-	-66.4	-	-	-	36.3	-	10.4	-
46.5	-	-4.5	-	-	-	-107.7	-	-223.5	-
-	-	869.1	-	-	-	17.7	-	-6189.4	-
50.9	-	-57.1	-	-	-	84.1	-	-391.1	-
144.8	-	875.3	-	-	-	-812.8	-	-8614.8	-
330.2	-	250.7	-	-	-	-121.5	-	-1443.0	-
-	-	-807.4	-	-	-	-	-	-777.5	-
13.2	-	-28.8	-	-	-	-60.9	-	-182.5	-
2337.4	-	-2076.7	-	-	-	2183.6	-	8809.9	-
-	-	78.8	-	-	-	472.5	-	-7816.0	-
149.7	-	94.2	-	-	-	-	-	152.4	-
-	-	4175.0	-	-	-	3819.0	-	16937.4	-
6079.2	-	12637.4	-	-	-	5366.5	-	29210.0	-
548.4	-	-795.7	-	-	-	56.3	-	-1749.9	-
-76.7	-	130.2	-	-	-	75.2	-	213.5	-
23.5	-	11.1	-	-	-	10.5	-	1.3	-
104.0	-	8350.6	-	348.0	-	-315.0	-	-61.3	-
3.6	-	155.1	-	-	-	42.3	-	180.4	-
-84.0	-	379.2	-	-	-	152.2	-	464.4	-

**Distribution of Cost Changes (Then-Year  
As Of Date: September 30, 19**

Weapon System	Cost Changes Between the Baseline and Current								
	Economic		Quantity		Schedule		Engineering		E
	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This
<b>USAF:</b>									
DSP	-	-200.4	-	1365.6	-	156.6	-	-	-
F-22	-	-9789.6	-	-21613.3	-	3776.0	-	295.9	-
JDAM	-	-137.1	-	17.1	-	-8.3	-	-	-
JPATS	-	-384.3	-	-	-	1.2	-	-	-
JSIPS	-	-2.8	-	-72.3	-	1.8	-	-4.6	-
JSTARS	-	190.7	-	-370.1	-20.9	774.6	-	-361.1	190
MILSTAR	-	-	-	-	-	-	-	-	-
MINUTEMAN III GRP	-	-8.7	-	-	-	135.1	-	-7.1	-
MINUTEMAN III PRP	-	-	-	-	-	-	-	-	-
NAS	-	-50.2	-	-	-	19.8	-	-	-
NAVSTAR Satellite	-	-952.3	-	5198.7	-	624.7	-	635.6	-
NAVSTAR User Eqmt	-	-324.1	-	-162.9	-	472.8	-	-46.8	-
SBIRS	-	-104.8	-	-	-	-	-	-	-
SFW	0.2	64.9	-	-1419.1	3.5	1147.5	32.3	32.3	122
TITAN IV	-	-1077.8	-	4198.6	-	5278.6	-	-2768.6	-
Subtotal	0.2	-13599.3	-	-26968.2	-17.4	17243.3	32.3	-1705.6	31
<b>DOD:</b>									
CHEM DEMIL	-	-395.3	-	-	-	364.3	-	238.7	-
PATRIOT PAC-3	-	-127.1	-	-	-	-147.9	-	282.2	-
THAAD	-	-325.6	-	-	-	859.9	-	577.9	-
Subtotal	-	-848.0	-	-	-	1076.3	-	1098.8	-
Grand Total	2.3	-54841.8	25.9	108.0	-14.3	30149.2	32.3	7066.2	470

anges (Then-Year Dollars)  
September 30, 1996

the Baseline and Current Estimate (Then-Year Dollars)

Engineering		Estimating		Other		Support		Total	
This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date
-	-	-	1530.1	-	-	-	647.8	-	3499.7
-	295.9	-	530.2	-	-	-	-2215.1	-	-29015.9
-	-	-	-926.5	-	-	-	-31.0	-	-1085.8
-	-	-	173.2	-	-	-	-90.9	-	-300.8
-	-4.6	-	-30.5	-	-	-	-8.0	-	-116.4
-	-361.1	190.4	2222.5	-	-	180.8	503.4	350.3	2960.0
-	-	-	-	-	-	-	-	-	-
-	-7.1	-	27.4	-	-	-	-16.6	-	130.1
-	-	-	-	-	-	-	-	-	-
-	-	-	20.2	-	-	-	11.3	-	1.1
-	635.6	-	2125.1	-	-	-	311.0	-	7942.8
-	-46.8	-	1283.4	-	-	-	492.4	-	1714.8
-	-	-	11.3	-	-	-	-	-	-93.5
32.3	32.3	122.6	-101.5	-	-	-0.9	-24.6	157.7	-300.5
-	-2768.6	-	12561.3	-	-	-	2840.9	-	21033.0
32.3	-1705.6	313.0	27656.7	-	348.0	179.9	2442.1	508.0	5417.0
-	238.7	-1.4	281.4	-	-	-	-	-1.4	489.1
-	282.2	-	747.6	-	-	-	117.0	-	871.8
-	577.9	-	528.9	-	-	-	-4.4	-	1636.7
-	1098.8	-1.4	1557.9	-	-	-	112.6	-1.4	2997.6
32.3	7066.2	470.0	44241.1	-	349.4	107.7	7052.7	623.9	34124.8



**Program Funding Status (Then-Year Dollars in Millions)**  
**As Of Date: September 30, 1996**

Weapon System	Prior Years	FY 96 Budget	FY 97 Budget	Balance of Program	Total
<b>ARMY:</b>					
ABRAMS UPGRADE	2149.0	649.7	580.3	3315.2	6694.2
AFATDS	499.4	64.1	74.2	523.9	1161.6
ASAS	119.3	57.8	46.5	588.1	811.7
ATACMS/APAM	1661.0	147.6	98.7	551.0	2458.3
ATACMS/BAT	752.2	194.5	180.4	3865.8	4992.9
ATIRCM/CMWS	58.5	64.3	76.7	3178.7	3378.2
BLACKHAWK (UH-60L)	2844.9	408.5	301.5	1276.5	4831.4
BRADLEY FVS UPGRADE	137.8	114.6	216.7	3656.8	4125.9
COMANCHE (RAH-66)	2976.2	290.9	288.6	4420.9	7976.6
CRUSADER (AFAS/FARV)	68.8	186.3	258.8	2127.2	2641.1
CSSCS	108.2	19.1	17.8	123.7	268.8
FAAD C2I	815.5	128.9	121.4	437.3	1503.1
FMTV	1014.5	145.1	233.1	14983.3	16376.0
JAVELIN	1179.2	201.9	193.1	2252.0	3826.2
JSTARS GSM	716.3	111.5	104.1	455.2	1387.1
Longbow Apache	1443.3	465.5	428.4	6003.8	8341.0
Longbow Hellfire	427.4	188.7	249.5	1741.3	2606.9
MCS	683.0	54.2	48.2	235.8	1021.2
PLS	1021.2	51.0	77.4	86.3	1235.9
SADARM	361.1	57.3	70.4	2214.8	2703.6
SINCGARS	2724.6	399.7	352.4	399.5	3806.2
SMART-T	151.1	85.9	78.4	663.1	978.5
Subtotal	21912.5	4087.1	4096.6	53030.2	83126.4
<b>NAVY:</b>					
AAAV	23.6	36.3	40.1	834.1	934.1
AIM-9X	49.3	47.8	94.8	490.4	682.3
AN/SQQ-89	3672.7	44.8	36.9	241.7	3996.1
AOE 6	2315.9	23.2	0.4	77.1	2416.6
AV-8B Remanufacture	276.6	251.7	318.9	1471.1	2318.3
CEC	356.0	266.8	184.3	1780.7	2587.8
CVN-74/75	6924.7	31.8	9.0	49.5	7015.0
CVN-76	4335.6	-	-	96.2	4431.8
CVN-77	-	-	-	6541.5	6541.5
DDG 51	27840.1	2395.4	3570.1	23289.6	57095.2
E-2C Reproduction	388.0	270.5	228.1	2444.5	3331.1
F/A-18 E/F	3845.0	1050.1	2609.6	73454.0	80958.7
JSOW	447.0	147.8	177.8	9792.3	10564.9
LHD 1	6506.2	1287.2	7.3	107.2	7907.9
LPD 17 (LX)	55.7	5.4	4.3	7.5	72.9
MHC 51	1678.4	12.6	10.0	12.7	1713.7
MIDS-LVT	198.7	74.9	67.7	788.6	1129.9
NESP	1092.5	80.4	103.4	873.9	2150.2
NSSN	910.0	1215.8	783.8	61981.8	64891.4
SH-60R (LAMPS BLKII)	306.0	62.0	39.0	4838.3	5245.3
SSN 21 / AN/BSY-2	11000.8	814.9	906.6	402.0	13124.3
STD MSL 2 (BLKS I-IV)	7494.2	153.9	203.7	1772.4	9624.2
Strategic Sealift	3338.6	596.1	603.8	1272.4	5810.9
T-45TS	3075.2	341.2	317.8	1682.8	5417.0
TOMAHAWK	10550.7	360.6	315.1	2620.7	13847.1
TRIDENT II MSL	22480.4	507.1	324.4	4390.6	27702.5
UHF Follow-on	1667.9	87.4	113.2	-	1868.5
V-22	4670.9	780.3	1179.1	39969.4	46599.7
Subtotal	125500.7	10946.0	12249.2	241283.0	389978.9
<b>USAF:</b>					
AMRAAM	7705.6	301.9	186.8	3168.2	11362.5
AWACS RSIP (E-3)	393.1	84.0	50.9	375.4	903.4
B-1 CMUP-JDAM	55.9	148.8	168.2	716.2	1089.1
C-17A	17977.7	2646.4	2372.6	18753.9	41750.6
CMU	1634.6	72.6	37.0	17.2	1761.4
DMSP	1713.2	63.2	58.2	508.8	2343.4

**Program Funding Status (Then-Year Dollars in Millions)**  
**As Of Date: September 30, 1996**

Weapon System	Prior Years	FY 96 Budget	FY 97 Budget	Balance of Program	Total
<b>USAF:</b>					
DSP	8028.4	141.0	103.4	774.5	9047.3
F-22	11852.2	2177.0	2007.4	54056.5	70093.1
JDAM	203.0	113.9	95.0	2058.7	2470.6
JPATS	142.0	74.9	137.3	3309.6	3663.8
JSIPS	388.5	48.2	56.3	153.2	646.2
JSTARS	4634.9	707.5	876.0	3483.5	9701.9
MILSTAR	-	-	-	-	-
MINUTEMAN III GRP	231.2	109.9	170.2	1255.0	1766.3
MINUTEMAN III PRP	40.7	66.2	87.6	2624.8	2819.3
NAS	75.5	12.6	15.0	689.1	792.2
NAVSTAR Satellite	3431.4	200.9	277.9	6339.3	10249.5
NAVSTAR User Eqmt	3020.7	442.0	477.8	2650.1	6590.6
SBIRS	113.0	162.3	173.3	2128.2	2576.8
SFW	557.7	170.3	171.1	1206.2	2105.3
TITAN IV	12456.4	949.7	1075.5	9080.6	23562.2
Subtotal	74655.7	8693.3	8597.5	113349.0	205295.5
<b>DOD:</b>					
CHEM DEMIL	3245.8	669.0	931.4	8753.5	13599.7
PATRIOT PAC-3	2479.1	715.3	627.6	3431.4	7253.4
THAAD	1859.4	562.0	481.8	3057.2	5960.4
Subtotal	7584.3	1946.3	2040.8	15242.1	26813.5
Grand Total	229653.2	25672.7	26984.1	422904.3	705214.3